

AMENDMENT UNDER 37 C.F.R. § 1.111
Appln. No. 09/975,996
Docket No. Q66373

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A geosynchronous satellite, including comprising:

antenna means for communicating with an area of the terrestrial surface,

attitude control means ~~whereby~~ that positions North and South walls of a body of said satellite ~~are~~ at all times parallel to the solar radiation, and positions the body of said satellite at all times at a same attitude relative to the solar radiation; and

adjustment means ~~so that~~ adjusts the antenna means so that the antenna means are always pointed toward the terrestrial coverage area.
2. (currently amended): The satellite claimed in claim 1, further comprising ~~including~~ solar panels perpendicular to said solar radiation whose surface is fastened to the body of said satellite.
3. (currently amended): The satellite claimed in claim 1, further comprising ~~including~~ a support for all said antenna means that can be oriented relative to said body of said satellite including said North and South walls.

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4. (original): The satellite claimed in claim 3 wherein telecommunication electronics means are fastened to said support for said antenna means.

5. (currently amended): The satellite claimed in claim 4 wherein said attitude control means and said ~~support~~ adjustment means are fastened to said body of said satellite.

6. (original): The satellite claimed in claim 1 wherein said adjustment means for maintaining said antenna means pointed at all times toward said coverage area include electronic scanning means.

7. (original): The satellite claimed in claim 1 wherein said adjustment means for maintaining said antenna means directed at all times toward the terrestrial coverage area are also used for pointing corrections and/or to modify the position of said coverage area.

8. (original): The satellite claimed in claim 1 wherein said North and/or South walls are covered with white paint.

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9. (original): The satellite claimed in claim 1 wherein output multiplexers are disposed on an outside face and preferably associated with radiant thermal control by direct exposure to space.

10. (original): The satellite claimed in claim 3 wherein said antenna means include reflectors connected to said support by carbon arms.

11. (original): The satellite claimed in claim 10 wherein said carbon arms are generally H shaped.

12. (original): A method of assembling a geosynchronous satellite as claimed in claim 3 wherein said support with said antenna means is constructed separately from said body of said satellite.